

From: [Oser, Dan](#)
To: [Gary Moore/R6/USEPA/US@EPA](mailto:Gary.Moore/R6/USEPA/US@EPA)
Subject: Re: Question - Sheet Piling
Date: 02/15/2013 05:45 PM

Gary

Couple of questions. First, the contaminant and/or pH will be important to the selection of what type of sheet material will perform better. Second, to control groundwater inflow you run the risk of creating a damming effect if you install sheet piling to divert groundwater flow. If the contaminants allow it, have you considered a injected barrier wall. There are a good deal of products on the market that can handle a myriad of contaminants in a passive capacity. Normal sheet piling in a non-union capacity would run approximately \$86/ lineal foot based on an 8-hour day using a low tonnage crane with a 40-hour hazwoper crew. When installing you need to install the piling through the competent layer aproximately 3-6 feet based on the hydraulic gradient of the groundwater flow.

If you have more information, send it.

Thanks,

Daniel E Oser
Program Manager
Shaw Environmental & Infrastructure Group
701 Poydras Street
13th Floor
New Orleans, LA 70139
504.595.2554 direct
225.303.7915 cell
504.595.2717 fax
dan.oser@shawgrp.com

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From: Moore.Gary@epamail.epa.gov [mailto:Moore.Gary@epamail.epa.gov]
Sent: Friday, February 15, 2013 02:40 PM
To: Oser, Dan
Subject: Question - Sheet Piling

Dan:

I know Shaw has extensive experience in the use of sheet piling. Do you happen to know what it costs to place sheet piling per linear foot/square foot? The purpose would be to control inflow of groundwater into an area. Is there a standard for the depth of sheet piling must go into the confining layer? Is vinyl sheet piling cheaper to install than steel?



9522496

Thanks

Gary Moore
Federal On-Scene Coordinator
EPA Region 6
Cell: 214-789-1627
Work: 214-665-6609
email: moore.gary@epa.gov

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